



## VCHD-820ID

SANTEC HD-SDI Full HD Speed Dome  
20x opt. zoom

### PRODUCT DESCRIPTION

#### ► Application:

The new SANTEC full HD speed domes have a resolution of 1080p / 720p, day/night function with mechanical IR cut filter and integrated 20x optical motor zoom lens. This enables the HD-CCTV speed domes to capture even far away objects with high precision. The dome cameras have a high pan/tilt speed and Wide Dynamic Range (WDR). Thanks to a comprehensive set of accessories the cameras can be mounted almost anywhere.

#### ► Technical specifications:

Type	HD-SDI Speed Dome
Video signal	HD-SDI, PAL/NTSC
Sensor	1/3"
Sensor type	2 MP 1/3" CMOS
More resolutions	1080p / 720p
Effective pixel	1920x1080
Signal processing	Digital (DSP)
Synchronisation	Intern
S/N ratio (dB)	> 50 dB
Lens mount	Intern
Iris control	DC
Lens type	Motor zoom lens
Focal length	4.7 - 94 mm
Angle of view (horizontal)	55° - 2.9°
Optical zoom	20x, adjustable
Digital zoom	10x, adjustable
IR cut filter	IR-Cut filter (mechanical)

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Our products undergo constant development. Please refer to the price list for our most up-to-date product program. Errors and omissions excluded. No responsibility accepted for accuracy of images.

► **Technical specifications:**

Sensitivity (Lux)	0.5 / 0.005 lux
Automatic gain control (AGC)	AGC
Digital noise reduction (DNR)	DNR
White balance	ATW / manual / outdoor auto
Backlight compensation	BLC, WDR
Wide dynamic range (WDR)	Yes
Day/night mode adjustment	Auto / color / B/W
Camera adjustments	OSD
Picture flip (horizontal)	Yes
Motion detection (zones)	Yes
Privacy zones	12
Camera title	16 characters
Preset positions	240
Auto scan	16
Tours	8
Pattern	8
Rotation radius	360°
Rotation speed	variable 0.1°/s. to 380°/s.
Preset speed	380°/S.
Tilt angle (°)	-10° to 190° (Digital flip)
Automatic calibration	0.1° ~ 6°
Camera addressing	up to 999 addresses
Video output	BNC, 75 Ohm 1 Vpp
HD-SDI Video out	BNC / 75 Ohm
Switch input contacts	4
Switch output contacts	2
Control interface	RS-485
Control protocols	Pelco P/D
Classification	-
Installation	n.a.
Housing colour	Black
Housing material	Plastic
Voltage	12 V DC / 24 V AC
Max. Power consumption (watt)	20
Operating temperature (°C)	0 to +50
Rel. humidity (%)	Max. 90, non-condensing
Dimensions DxH (mm)	125 x 202
Weight	1.2 kg

## ► Recommended Accessories

VCA-12V-2A/A

SANTEC regulated power supply unit 230 V AC / 12 V DC, 2 A, outdoor use